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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/870,993	06/01/2001	Gregory Guttman	19312.0013	7543

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EXAMINER

HA, THANH T

ART UNIT	PAPER NUMBER
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2194

DATE MAILED: 06/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/870,993

Applicant(s)

GUTTMANN ET AL.

Examiner

Ha Thanh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 March 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3/11/2005.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This Office Action is in response to the amendment filed on 02/23/2005.
2. Claims 1-16 are pending and have been examined.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claim 15 is rejected under 35 U.S.C. 102(e) as being anticipated by Mikhailov et al., U.S. Pub No. US2001/0054046 (hereinafter Mikhailov).

5. As to claim 15, Mikhailov teaches the invention as claimed including a method of developing/customizing web-based collaborative applications employing visual-based programming (E.g. see Abstract and associated text), comprising:

Displaying a set of browser-based component wizards to develop application component types for a web-based (E.g. see Fig. 7A, Assign form URL Location 726 and associated text) collaborative application (E.g. see page 3, Section [0034] and associated text);

Implementing functionally associated with a definition for each of the application component types, wherein the functionality exists prior to customization of the definition for each of the application component types (E.g. see page 3, Section [0034], which states "... form publishers may design their forms and associated reports on-line using a forms wizard and a reports wizard provided by the forms handling system...").

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1, 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mikhailov et al. (U.S. Pub No. US2001/0054046), in view of Gupta (U.S. Patent 6853994).
8. As to claim 1, Mikhailov teaches that an automatic forms handling application service provided on a global computer network, such as the Internet. A forms publisher submits a form and an associated report to the forms handling system (E.g. see Abstract and associated text). In that Mikhailov discloses the method that covering the steps of:

A user system operable to display a set of browser-based component wizards (E.g. see page 1, Section [0009]. Form wizard and report wizard) to develop application component types for a web-based (E.g. see Fig. 7A, Assign Form URL Location 726 and associated text) collaborative application; (E.g. see page 3, Section [0034] and associated text);

A network, coupled to a set of processing components and the user system, operable to communicate data (E.g. see Abstract and Fig. 1, communication network 20 and associated text) and

The set of processing components, each processing component in the set for implementing functionality associated with a definition for each of the application component types, wherein the functionality exists prior to customization of the definition for each of the application component types, wherein the set of processing components comprises a form engine (E.g. see page 3, Section [0034], which states "... form publishers may design their forms and associated reports on-line using a forms wizard and a reports wizard provided by the forms handling system...").

9. Mikhailov does not specifically disclose wherein the form engine comprises a business rule validator. However, Gupta teaches wherein the form engine comprises a business rule validator (E.g. see col. 9, line 64-col. 10, line 12).

10. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teaching of Gupta and Mikhailov because Gupta teaching

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of the form engine comprises a business rule validator would improve the quality of the data and prevent errors and require less of operator intervention to test the data.

11. As to claim 16, this claim is rejected for the same reason as claim 1 above.

12. Claims 2-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Mikhailov et al., U.S. Pub No. US2001/0054046 (hereinafter Mikhailov), in view of Gupta (U.S. Patent 6853994), further in view of Courter et al., "Microsoft Office 2000 Professional Edition", Sybex, Inc., 1999, Chapters 17-19, 21 (hereinafter Courter).

13. As to claims 2-14, these claims remain rejected in view of the same ground(s) of rejection as stated in the previous office action.

Response to Arguments

14. Applicant argument for claims 1-14 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

15. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ha Thanh whose telephone number is 571-272-7220. The examiner can normally be reached on 8:00 AM - 4:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thanh Ha
Examiner


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SUPERVISORY PATENT EXAMINER
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